AP3 Rec'd PCT/PTO 1 9 DEC 2005 Approved for use through 03/31/2007. OMB 0651-0021 U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES

ATTORNEY'S DOCKET NUMBER 64693(50024)

| CO | DESIGNATED/ELECTED NCERNING A SUBMISSION | OFFICE (DO/EO/US) ON UNDER 35 U.S.C. 371 | U.S. APILICATION NO. (1 known, see 37 CFR 1.5) | | |
|-------------------|---|---|--|--|--|
| | ATIONAL APPLICATION NO. | INTERNATIONAL FILING DATE | PRIORITY DATE CLAIMED | | |
| TITLE C | PCT/GB2004/002661 F INVENTION | 21 June 2004 | 19 June 2003 | | |
| IMPRO | VEMENTS TO LEAD SHEET M | ATERIALS | · · · · · · · · · · · · · · · · · · · | | |
| APPLIC David 1 | ANT(S) FOR DO/EO/US | - | | | |
| | - | ites Designated/Elected Office (DO/EO/ | /US) the following items and other information: | | |
| 1. x | This is a FIRST submission of item | s concerning a submission under 35 U. | S.C. 371. | | |
| 2. | This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. | | | | |
| 3. X | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. | | | | |
| 4. | The US has been elected (Article 31). | | | | |
| 5. x | A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) | | | | |
| a. | a. x is attached hereto (required only if not communicated by the International Bureau). | | | | |
| b. | b. has been communicated by the International Bureau. | | | | |
| c. | | ion was filed in the United States Recei | , | | |
| 6. x | | the International Application as filed (35 | 5 U.S.C. 371(c)(2)). | | |
| a. ! | x is attached hereto. | | | | |
| b. | has been previously submitted | | · •• • | | |
| 7. X | Amendments to the claims of the Ir | nternational Application under PCT Artic | cle 19 (35 U.S.C. 371(c)(3)) | | |
| a. | are attached hereto (required o | only if not communicated by the Interna- | tional Bureau). | | |
| b. | have been communicated by the | he International Bureau. | | | |
| C. | have not been made; however, the time limit for making such amendments has NOT expired. | | | | |
| d. | x have not been made and will n | ot be made. | | | |
| 8. | An English language translation of | the amendments to the claims under P | CT Article 19 (35 U.S.C. 371(c)(3)). | | |
| 9. X | An oath or declaration of the invent | tor(s) (35 U.S.C. 371(c)(4)). | | | |
| 10 | An English language translation of Article 36 (35 U.S.C. 371(c)(5)). | the annexes of the International Prelim | inary Examination Report under PCT | | |
| Iten | ns 11 to 20 below concern docur | ment(s) or information included: | | | |
| 11. | An Information Disclosure Staten | nent under 37 CFR 1.97 and 1.98. | | | |
| 12. | An assignment document for recor | ding. A separate cover sheet in complia | ance with 37 CFR 3.28 and 3.31 is included. | | |
| 13. x | A preliminary amendment. | | | | |
| 14. x. | An Application Data Sheet under | 37 CFR 1.76. | | | |
| 15 | A substitute specification. | , | | | |
| 16. | A power of attorney and/or change | e of address letter. | | | |
| 17 | A computer-readable form of the | sequence listing in accordance with Po | CT Rule 13 <i>ter</i> .2 and 37 CFR 1.821 – 1.825. | | |
| 18. | A second copy of the published In | iternational Application under 35 U.S.C | C. 154(d)(4). | | |
| 19. | A second copy of the English lang | guage translation of the international a | pplication under 35 U.S.C. 154(d)(4). | | |
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Approved of use through 08/34/2007-10MB 10651-00212005

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*Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. U.S. APPLICATION DIFT NOTE, SEE 37 CFF 1.51 2 ATTORNEY'S DOCKET NUMBER INTERNATIONAL APPLICATION NO. 64693(50024) PCT/GB2004/002661 Other items or information: Return Receipt Postcard, PCT Request, International Preliminary Examination Report 20. X The following fees have been submitted **PTO USEONLY CALCULATIONS** Basic national fee (37 CFR 1.492(a)) \$300 300.00 22. x Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 \$ 200.00 All other situations \$200 **......** 23. x Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an 400.00 International Searching Authority\$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB\$400 900.00 TOTAL OF 21, 22 and 23 = Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. **Total Sheets** Number of each additional 50 or fraction RATE Extra Sheets .thereof (round up to a whole number) \$ - 100 = /50 =x \$250.00 Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration 130.00 after the date of commencement of the national stage (37 CFR 1.492(h)). **CLAIMS NUMBER FILED NUMBER EXTRA RATE** - 20 = Total claims - 3 = Independent claims X MULTIPLE DEPENDENT CLAIM(S) (if applicable) + 1,030.00 TOTAL OF ABOVE CALCULATIONS = X Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½. 515.00 \$ 515.00 SUBTOTAL = Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest \$ claimed priority date (37 CFR 1.492(i)). 515.00 **TOTAL NATIONAL FEE =** Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied \$ by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property 515.00 **TOTAL FEES ENCLOSED =** Amount to be \$ refunded: Amount to be \$ 515.00 charged

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| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed an granted to restore the International Application to pending status. | | | | | | |
| • | | | | | | |
| SEND ALL CORRESPONDENCE TO: | Glore Rach | 11 | | | | |
| | SIGNATURE | | | | | |
| George N. Chaclas EDWARDS ANGELL PALMER & DODGE LLP | | | | | | |
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| Boston, Massachusetts 02205-5874 (401) 276-6653 | NAME | | | | | |
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Attorney Docket No.: 64693(50024)

IAP12 Rec'd PCT/PTO 19 DEC 2005

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Application Data Sheet (2 pages)
Return Receipt Postcard, PCT Request

Copy of the International application as published

Preliminary Amendment

Transmittal Letter to the United States Designated-Elected Office

Declaration (unsigned)

Charge \$515.00 to deposit account 04-1105